Inventors: Leonard SCHLESSINGER et al.

Application No.: 10/025,964 Docket No.: 071882000200

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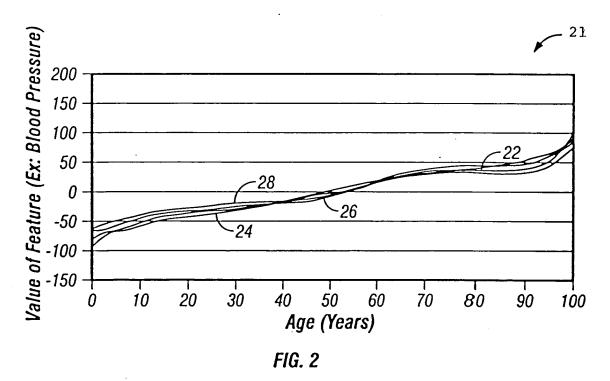


Select a Sample Data Set from 10 Each Subject in a Subject Group Select a Set of Expansion Functions 12 to be Used in the Representation of the Sample Data Set Mathematically Expand Each Member of the Sample Data Set in the Form of a Summation of Results of Multiplying Each Expansion Function in the Set of Expansion Functions by a Different Mathematical Parameter Determine a Value for Each of the Different Mathematical Parameters 16 from the Mathematical Expansion and the Sample Data Set Derive a Corresponding Distribution 18 Function for Each of the Mathematical Parameters Generate a Continuous Mathematical Model of the Feature from the Derived 20 -

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FIG. 1

Distribution Functions and the **Expansion Functions**



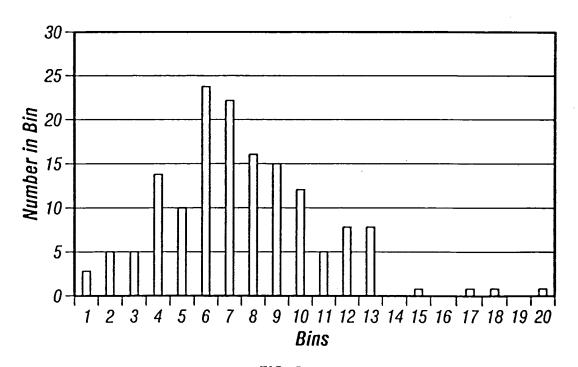


FIG. 3

Title: GENERATION OF CONTINUOUS MATHEMATICAL MODEL FOR COMMON FEATURES OF A SUBJECT GROUP Inventors: Leonard SCHLESSINGER et al. Application No.: 10/025,964 Docket No.: 071882000200

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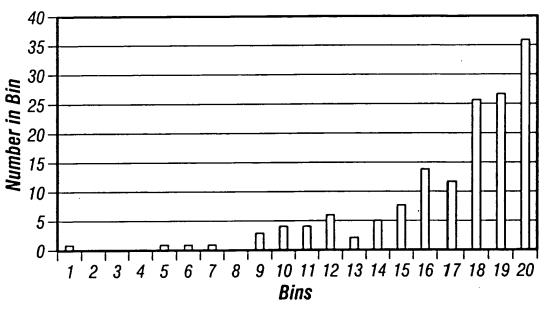


FIG. 4

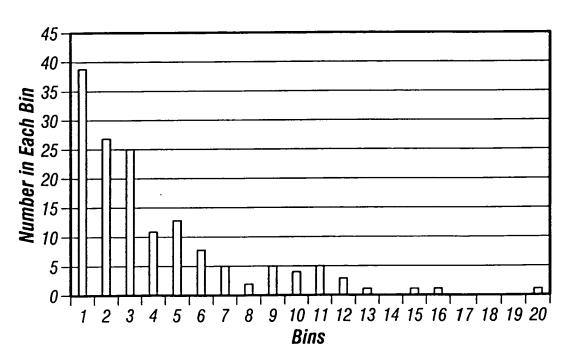


FIG. 5

Inventors: Leonard SCHLESSINGER et al.

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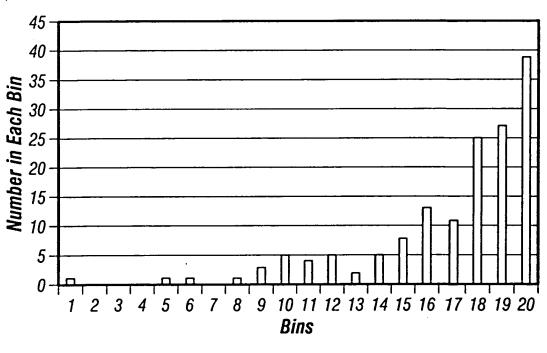


FIG. 6

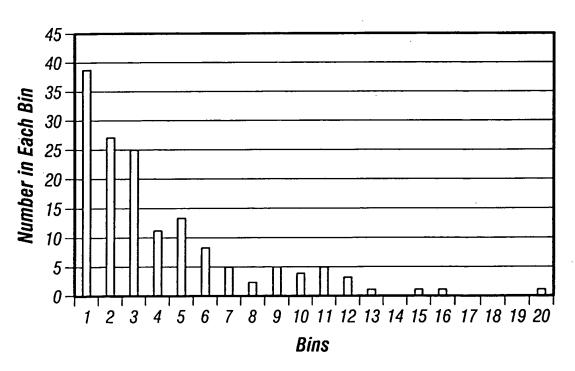


FIG. 7

Title: GENERATION OF CONTINUOUS MATHEMATICAL MODEL FOR COMMON FEATURES OF A SUBJECT GROUP Inventors: Leonard SCHLESSINGER et al. Application No.: 10/025,964 Docket No.: 071882000200

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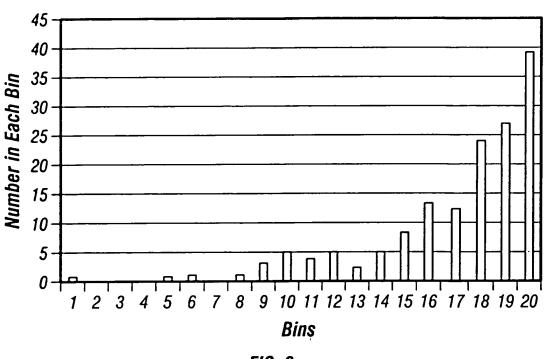


FIG. 8

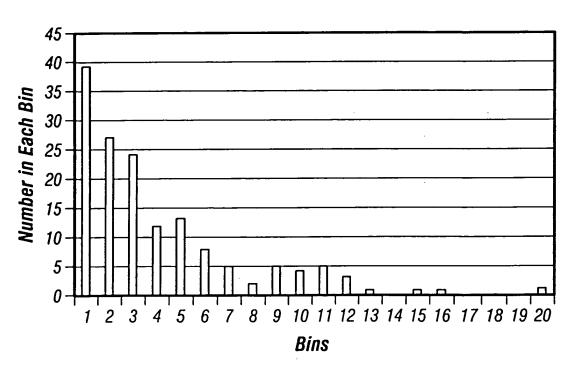
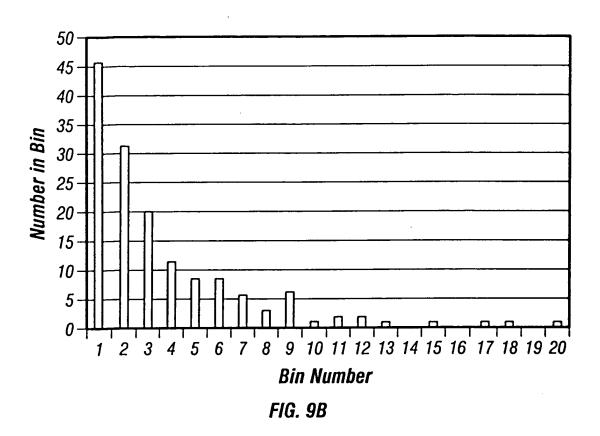
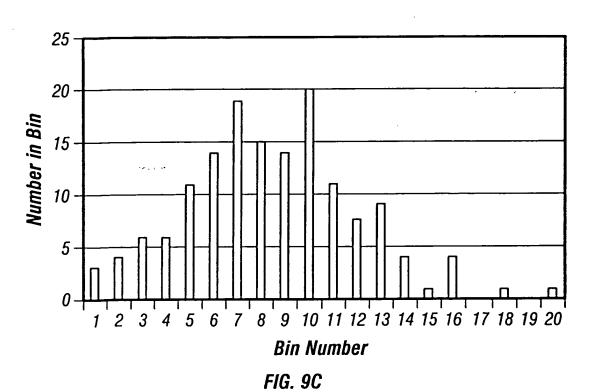


FIG. 9A

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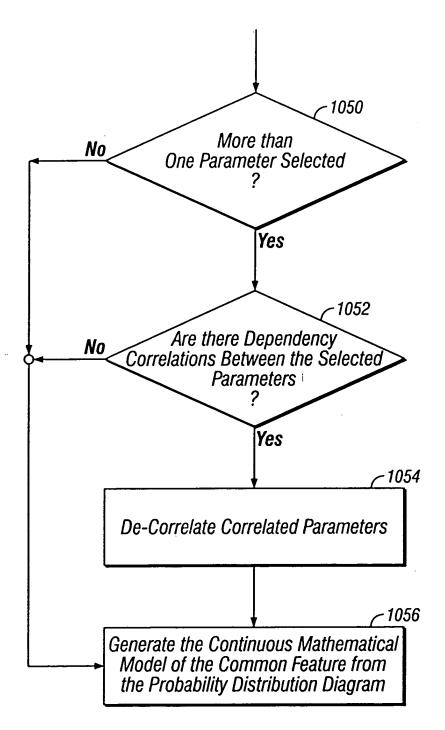


FIG. 10

Title: GENERATION OF CONTINUOUS MATHEMATICAL MODEL FOR COMMON FEATURES OF A SUBJECT GROUP Inventors: Leonard SCHLESSINGER et al.

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